

REMARKS/ARUGMENTS

Claims 21 and 25-27 remain pending in this application. Claims 1-20 and 22-24 have been canceled and claims 26 and 27 have been added.

The claims recited a method and system that includes changing filtering characteristics on a main signal path as a function of at least one amplitude on a second signal path coupled to the main signal path and at least one power level of the main signal path. In other words, the filtering characteristics are changed by processing circuitry as a function of two signal types: the power level of the signal on the main signal path and the amplitude of a signal on a second signal path that is not under the control of the receiver.

The output of the variable filter 24 (FIG.1) is fed to an analog power level indicator and/or to a digital power level indicator, whereby the output is applied to the processing circuitry 22 (FIG. 1). In addition, the amplified upper band edge and lower band edge outputs in line with the band detection path are applied to processing circuitry.

None of the cited references disclose the claimed invention. Sugimoto discloses a receiver in which a filter is switched based on the result of an adjacent channel signal detection circuit, but not is not based on a power level of a signal on the main signal path. There are no power level indicators in Sugimoto. Vogt discloses a receiver in which signals upstream of a bandpass filter are compared to signals downstream of the bandpass filter to determine which one of a plurality of filters to select. Vogt does not disclose any power level indicators at the output of its filters to provide a power level to processing circuitry, allowing the processing circuitry to select a filter based on the power level and signal amplitudes not under the control of the receiver.

CONCLUSION

For the reasons detailed above, it is respectfully submitted all claims remaining in the application (Claims 21 and 25-27) are now in condition for allowance. The foregoing comments do not require unnecessary additional search or examination.

In the event the Examiner considers personal contact advantageous to the disposition of this case, he/she is hereby authorized to telephone John S. Zanghi, at (216) 861-5582.

Respectfully submitted,

FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP

3/30/06
Date

John S. Zanghi
John S. Zanghi.
Reg. No. 48,843
1100 Superior Avenue
Seventh Floor
Cleveland, Ohio 44114-2579
216-861-5582

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